



6073

VOLTAGE REGULATOR

MINIATURE GLOW-DISCHARGE TYPE

Intended for applications where very stable characteristics and dependable performance under shock and vibration are paramount. The 6073 is a "premium" version of the 0A2.

6073
PREMIUM TYPE
DATA**General:**

Cathode Cold

Mechanical:

Mounting Position Any

Maximum Overall Length 2-5/8"

Maximum Seated Length 2-3/8"

Length, Base Seat to Bulb Top (Excluding tip) . . . 2" $\pm$ 3/32"

Maximum Diameter 3/4"

Bulb T-5-1/2

Base Small-Button Miniature 7-Pin (JETEC No. E7-1)

Basing Designation for BOTTOM VIEW 5BQ

Pin 1 - Anode

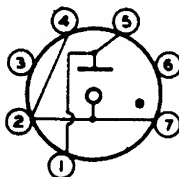
Pin 2 - Cathode

Pin 3 - Internal

Connection-

Do Not Use

Pin 4 - Cathode



Pin 5 - Anode

Pin 6 - Internal

Connection-

Do Not Use

Pin 7 - Cathode

Maximum Ratings, Absolute Values:

AVERAGE STARTING CURRENT (See note below) . . . 75 max. ma

DC CATHODE CURRENT { 30 max. ma

. { 5 min. ma

AMBIENT TEMPERATURE RANGE -55 to +90 °C

FREQUENCY 0 max. cps

Characteristics Range Values for Equipment Design:

	Min.	Av.	Max.	
DC Anode-Supply Voltage	185 [▲]	-	-	volts
Anode Breakdown Voltage	-	156	185●	volts
Anode Voltage Drop	140★	151	168●	volts
Regulation (5 to 30 ma)	-	2	6●	volts

Circuit Values:Shunt Capacitor - - 0.1 μ f

Series Resistor See note below

NOTE: The notes and circuit information shown under Type 0A2 are also applicable to the 6073.

▲, ●, ★: See next page.

MAY 1, 1952

TUBE DEPARTMENT
 RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

TENTATIVE DATA

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VOLTAGE REGULATOR**Shock and Vibration Tests:**

These tests are made as indicated in the JAN Specifications JAN 1-A for Electron Tubes, May, 1946 under the sections as follows:

Section F-6b (9e) Shock Test:

Instantaneous Impact Acceleration 900 max. g

Section F-6b (9f) Vibration Test:

Vibrational Acceleration. 2.5 max. g

▲ Not less than indicated supply voltage should be provided to insure "starting" throughout tube life.

● Maximum individual tube value during life.

★ Minimum individual tube value during life.

MAY 1, 1952

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TENTATIVE DATA